

**AMENDMENTS TO THE SPECIFICATION:**

Please replace the paragraph beginning at page 32, line 12, with the following rewritten paragraph:

--The second example of the illumination system in the first embodiment of the liquid crystal projector of the present invention is next explained with reference to FIG. 12. FIG. 12 is ~~[[s]]~~ a structural view showing a second example of the optical configuration of illumination system 1001 that is shown in FIG. 6. --

Please replace the paragraph beginning at page 41, line 1, with the following rewritten paragraph:

--Synthesizing optics 40B can be constructed from rotating movable mirror 44, and fixed mirrors 41 and 42. Rotating movable mirror 44 can be constructed using rotating movable mirror 22 shown in FIG. ~~[[22]]~~ 20 that was used in previously described emitted optical path switching means 20B. In other words, rotating movable mirror 44 switches the received optical path by rotating a disk having region AT that transmits light and region AR that reflects light and unifies the optical path.--